

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("5774489") or ("6876796")).PN.	USPAT	OR	OFF	2006/12/05 17:44
L2	1	("20050111776").PN.	US-PGPUB	OR	OFF	2006/12/05 17:45
S2	331118	(silicon si) near3 (substrate\$1 layer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:42
S3	34	((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/02 10:46
S4	34	S3 and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:49
S5	331180	(silicon si) near3 (substrate\$1 layer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:49
S6	34	((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:49
S7	34	S6 and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:21
S8	17	S7 and (dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:50
S9	2	S8 and nano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:52
S10	0	S8 and (nano\$6 near3 crystal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:51

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S11	0	S8 and (nano\$6 with crystal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:51
S12	9	S8 and crystal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:56
S13	0	S7 and (nano\$8 with crystal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 15:57
S14	8	S7 and (nano\$8 and crystal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 16:38
S15	0	(optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near2 dioxide)) same (nano-crystal nanocrystal (nano near2 cyrstal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 16:39
S16	0	(optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near4 dioxide)) same (nano-crystal nanocrystal (nano near4 cyrstal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 16:40
S17	7	(optic\$3 near3 pump\$1) same (silicon-dioxide (silicon near4 dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/06 16:49
S18	1	("6441945").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/06 16:51
S20	2	"750522".ap. "393643".ap.	US-PGPUB	OR	OFF	2004/12/06 16:52
S21	1	"140255".ap.	US-PGPUB	OR	OFF	2004/12/06 16:51
S22	5	(US-20040179573-\$ or US-20030205710-\$ or US-20040183087-\$ or US-20020123227-\$).did. or (US-6441945-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/12/06 16:52
S23	2	S22 and (nano\$9) and (optic\$4 near3 pump\$1)	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:30
S24	113678	"385"/("27,31,32", "39,42,49,50"). ccls. or 372/94.ccls.	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:31

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S25	7288	S24 and (silicon si) near3 (substrate\$1 layer)	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:31
S26	50	S25 and ((micro near3 resonat\$4) micro-resonat\$4 microresonat\$4)	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:32
S27	49	S26 and @ad<"20031231"	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:33
S28	20	S27 and crystal\$5	US-PGPUB; USPAT	OR	OFF	2004/12/06 17:33
S29	122	((silicon near3 dioxide) SiO2) with (nanocrystal\$5 nano-crystal\$5 (nano adj crystal\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:44
S30	122	((silicon near3 dioxide) SiO2 silicon-dioxide) with (nanocrystal\$5 nano-crystal\$5 (nano adj crystal\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:49
S31	4	S30 and ((tunnel\$4 pump\$4) with (current electron\$1) with (electron-hole-pair\$1 (electron adj hole adj pair\$1) (electron-hole adj pair\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:45
S32	4	S31 and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:46
S33	116	S30 and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/13 09:49
S34	368704	(silicon si) near3 (substrate\$1 layer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:21
S35	62	((micro near2 resonat\$3) micro-resonat\$3 microresonat\$3) same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:21
S36	49	S35 and @ad<"20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:21

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S37	12	S36 and @pd>"20041201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:23
S38	109196	"385"/("27,31,32", "39,42,49,50"). ccls. or 372/94.ccls.	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:21
S39	6246	S38 and (silicon si) near3 (substrate\$1 layer)	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:21
S40	44	S39 and ((micro near3 resonat\$4) micro-resonat\$4 microresonat\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:21
S41	42	S40 and @ad<"20031231"	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:21
S42	20	S41 and crystal\$5	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:21
S43	6	S42 and @pd>"20041201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/03 17:22
S44	1325	microresonat\$4 micro-resonat\$4 (micro near2 resonat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:37
S45	4542	microcirculat\$4 micro-circulat\$4 (micro. near2 circulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:38
S46	1226	((annular\$3 circular\$4 ring\$1 disk\$1) near4 (waveguide\$1)) same (resonat\$4 circulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:39
S47	6960	S44 S45 S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:39

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S48	8297	nanocrystal\$5 nano-cyrstal\$5 (nano near6 crystal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:40
S49	28	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:41
S50	22	S49 and (@ad<"20031231" @rlad<"20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 10:41
S51	4926	(quantum near3 dot\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37
S52	1325	microresonat\$4 micro-resonat\$4 (micro near2 resonat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37
S53	4542	microcirculat\$4 micro-circulat\$4 (micro near2 circulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37
S54	1226	((annular\$3 circular\$4 ring\$1 disk\$1) near4 (waveguide\$1)) same (resonat\$4 circulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37
S55	6960	S52 S53 S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37

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S56	45	S55 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37
S57	38	S56 and (@ad<"20031231" @rlad<"20031231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:37